



## **BRUHATH BANGALORE MAHANAGARA PALIKE**

|               |                 |
|---------------|-----------------|
| ZONE          | Dasarahalli     |
| DIVISION      | Dasarahalli     |
| SUB- DIVISION | Shettyhalli     |
| WARD          | 13. Mallasandra |

### **Modified Estimate**

|               |                                              |
|---------------|----------------------------------------------|
| Name of Work  | Improvents to roads and Drains in Ward No 13 |
| Estimate cost | 98.00 Lakh                                   |

**BRUHATH BANGALORE MAHANAGARA PALIKE**  
**DASARAHALLI ZONE SHETTYHALLI SUB DIVISION WARD NO 13**

| Modified Estimate for the work: |                                                                                                                                                                                                                                                                                                       |                         | Improvements to roads and Drains in Ward No 13 |       |       |          |      |        |           |  |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|------------------------------------------------|-------|-------|----------|------|--------|-----------|--|
| Estimate Cost Rs :              |                                                                                                                                                                                                                                                                                                       |                         | 8704284.18                                     |       |       |          |      |        |           |  |
| No                              | Description of Work                                                                                                                                                                                                                                                                                   | No                      | Length                                         | Width | Depth | Quantity | Unit | Rate   | Amount    |  |
| 1                               | KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.( page No 143, Item No 19.1/ PWD SR 2018-19) |                         |                                                |       |       |          |      |        |           |  |
|                                 | Desilt                                                                                                                                                                                                                                                                                                | 1                       | 106.00                                         | 0.60  | 0.50  | 31.80    |      |        |           |  |
|                                 | Maheswara block 5th cross Mallasandra                                                                                                                                                                                                                                                                 | 1                       | 174.50                                         | 0.60  | 0.45  | 47.12    |      |        |           |  |
|                                 | RCC Drain                                                                                                                                                                                                                                                                                             |                         |                                                |       |       |          |      |        |           |  |
|                                 | Shanthi Layout 1st Cross                                                                                                                                                                                                                                                                              | 1                       | 33.50                                          | 1.10  | 1.00  | 36.85    |      |        |           |  |
|                                 | Shanthi Layout 3rd Cross                                                                                                                                                                                                                                                                              | 1                       | 25.50                                          | 1.10  | 1.00  | 28.05    |      |        |           |  |
|                                 | At Aai mahathma temple                                                                                                                                                                                                                                                                                | 1                       | 2.50                                           | 1.10  | 1.00  | 2.75     |      |        |           |  |
|                                 | 8th cross Mallasandra                                                                                                                                                                                                                                                                                 | 1                       | 50.00                                          | 1.10  | 1.00  | 55.00    |      |        |           |  |
|                                 | RCC Culvert                                                                                                                                                                                                                                                                                           |                         |                                                |       |       |          |      |        |           |  |
|                                 | Shanthi Layout 3rd Cross                                                                                                                                                                                                                                                                              | 1                       | 6.50                                           | 1.70  | 1.10  | 12.16    |      |        |           |  |
|                                 | Near Aai Matha Temple Road opp                                                                                                                                                                                                                                                                        | 1                       | 4.60                                           | 1.50  | 1.10  | 7.59     |      |        |           |  |
|                                 | Near Aai Matha Temple Road                                                                                                                                                                                                                                                                            | 1                       | 8.00                                           | 1.70  | 1.10  | 14.96    |      |        |           |  |
|                                 | Near Aai Matha Temple Road                                                                                                                                                                                                                                                                            | 1                       | 6.70                                           | 1.70  | 1.10  | 12.53    |      |        |           |  |
|                                 | 5th cross Mallasandra                                                                                                                                                                                                                                                                                 | 1                       | 6.50                                           | 1.70  | 1.10  | 12.16    |      |        |           |  |
|                                 | For CC Road                                                                                                                                                                                                                                                                                           |                         |                                                |       |       |          |      |        |           |  |
|                                 | Anjanayya Temple Road                                                                                                                                                                                                                                                                                 | 2                       | 45.00                                          | 1.00  | 0.30  | 27.00    |      |        |           |  |
|                                 | 1st Cross Mallasandra                                                                                                                                                                                                                                                                                 | 2                       | 42.00                                          | 1.00  | 0.30  | 25.20    |      |        |           |  |
|                                 | Aai Matha Temple opp road                                                                                                                                                                                                                                                                             | 1                       | 18.00                                          | 4.25  | 0.30  | 22.95    |      |        |           |  |
|                                 | Aai Matha Temple beside road                                                                                                                                                                                                                                                                          | 1                       | 65.60                                          | 4.55  | 0.30  | 89.54    |      |        |           |  |
|                                 | 2nd Cross Lake view                                                                                                                                                                                                                                                                                   | 1                       | 20.00                                          | 4.80  | 0.30  | 28.80    |      |        |           |  |
|                                 | 4th cross Road At Pipe lane                                                                                                                                                                                                                                                                           | 1                       | 76.50                                          | 3.40  | 0.30  | 78.03    |      |        |           |  |
|                                 | 9th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                       | 1                       | 122.00                                         | 4.50  | 0.30  | 164.70   |      |        |           |  |
|                                 | 10th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                      | 1                       | 70.00                                          | 3.75  | 0.30  | 78.75    |      |        |           |  |
|                                 | 4th 'A' Cross Near Cambridge School                                                                                                                                                                                                                                                                   | 1                       | 111.50                                         | 1.00  | 0.30  | 33.45    |      |        |           |  |
|                                 | Cross road Near Cambridge School                                                                                                                                                                                                                                                                      | 1                       | 29.00                                          | 1.00  | 0.30  | 8.70     |      |        |           |  |
|                                 | 8 A cross Prasanth Nagar                                                                                                                                                                                                                                                                              | 1                       | 21.00                                          | 1.00  | 0.30  | 6.30     |      |        |           |  |
|                                 | 7 cross Prasanth Nagar                                                                                                                                                                                                                                                                                | 1                       | 40.00                                          | 1.00  | 0.30  | 12.00    |      |        |           |  |
|                                 | 5th cross Mallasandra                                                                                                                                                                                                                                                                                 | 1                       | 64.30                                          | 5.40  | 0.30  | 104.17   |      |        |           |  |
|                                 | 5th cross Mallasandra                                                                                                                                                                                                                                                                                 | 2                       | 110.00                                         | 0.90  | 0.30  | 59.40    |      |        |           |  |
|                                 | 3rd Cross Cambridge School Road                                                                                                                                                                                                                                                                       | 2                       | 289.00                                         | 0.90  | 0.30  | 156.06   |      |        |           |  |
|                                 | Rate: As per Schedule B (Rs 143.24)                                                                                                                                                                                                                                                                   | Qty executed Up to 125% |                                                |       |       | 1156.00  | Cum  | 143.24 | 165586.00 |  |
| 2                               | Removing & Refixing stone slabs of drains and pointing in C.M (1:3) ( page No273, Item No 5.33/ PWD SR 2018-19)                                                                                                                                                                                       |                         |                                                |       |       |          |      |        |           |  |
|                                 | Mallasandra Surrounding Area                                                                                                                                                                                                                                                                          | 2                       | 106.00                                         | 0.90  |       | 190.80   |      |        |           |  |
|                                 | Maheswara block 5th cross Mallasandra                                                                                                                                                                                                                                                                 | 1                       | 174.50                                         | 0.90  |       | 157.05   |      |        |           |  |
|                                 |                                                                                                                                                                                                                                                                                                       |                         |                                                |       |       | 347.85   |      |        |           |  |
|                                 | Considering 50% missing Slab                                                                                                                                                                                                                                                                          | Total Qty               |                                                |       |       | 173.93   |      |        |           |  |
|                                 | Rate: As per Schedule B (Rs115.70)                                                                                                                                                                                                                                                                    | Qty executed Up to 125% |                                                |       |       | 119.25   | Sqm  | 115.70 | 13797.00  |  |
|                                 | Rate: As per CSR 2018-19                                                                                                                                                                                                                                                                              | Qty executed Above 125% |                                                |       |       | 54.68    | Sqm  | 115.70 | 6326.00   |  |
|                                 | Basic Rate                                                                                                                                                                                                                                                                                            | 105.00                  |                                                |       |       |          |      |        |           |  |
|                                 | Area weightage                                                                                                                                                                                                                                                                                        | 6.30                    |                                                |       |       |          |      |        |           |  |
|                                 | Total Rs                                                                                                                                                                                                                                                                                              | 111.30                  |                                                |       |       |          |      |        |           |  |
|                                 | Add T P +3.95                                                                                                                                                                                                                                                                                         | 4.40                    |                                                |       |       |          |      |        |           |  |
|                                 | Arrived Rate                                                                                                                                                                                                                                                                                          | 115.70                  |                                                |       |       |          |      |        |           |  |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |        |      |        |       |         |            |
|---|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------|------|--------|-------|---------|------------|
| 3 | KSRRB M2100-10. Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.6cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications. ( page No222, Item No 27.18/ PWD SR 2018-19)                                                                              |                         |        |      |        |       |         |            |
|   | RCC Drain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         |        |      |        |       |         |            |
|   | Shanthi Layout 1st Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                       | 33.50  | 1.10 | 0.15   | 5.53  |         |            |
|   | Shanthi Layout 3rd Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                       | 25.50  | 1.10 | 0.15   | 4.21  |         |            |
|   | At Aai mahathma temple                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                       | 2.50   | 1.10 | 0.15   | 0.41  |         |            |
|   | 8th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                       | 50.00  | 1.10 | 0.15   | 8.25  |         |            |
|   | RCC Culvert                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |        |      |        |       |         |            |
|   | Shanthi Layout3rd Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                       | 6.50   | 1.70 | 0.15   | 1.66  |         |            |
|   | Near Aai Matha Temple Road opp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                       | 4.60   | 1.50 | 0.15   | 1.04  |         |            |
|   | Near Aai Matha Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                       | 8.00   | 1.70 | 0.15   | 2.04  |         |            |
|   | Near Aai Matha Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                       | 6.70   | 1.70 | 0.15   | 1.71  |         |            |
|   | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                       | 6.50   | 1.70 | 0.15   | 1.66  |         |            |
|   | For CC Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |        |      |        |       |         |            |
|   | Anjanayya Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2                       | 45.00  | 1.00 | 0.15   | 13.50 |         |            |
|   | 1st Cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2                       | 42.00  | 1.00 | 0.15   | 12.60 |         |            |
|   | Aai Matha Temple opp road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                       | 18.00  | 4.25 | 0.15   | 11.48 |         |            |
|   | Aai Matha Temple beside road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                       | 65.60  | 4.55 | 0.15   | 44.77 |         |            |
|   | 2nd Cross Lake view                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                       | 20.00  | 4.80 | 0.15   | 14.40 |         |            |
|   | 4th cross Road At Pipe lane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                       | 76.50  | 3.40 | 0.15   | 39.02 |         |            |
|   | 9th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                       | 122.00 | 4.50 | 0.15   | 82.35 |         |            |
|   | 10th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1                       | 70.00  | 3.75 | 0.15   | 39.38 |         |            |
|   | 4th 'A' Cross Near Cambridge School                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                       | 111.50 | 1.00 | 0.15   | 16.73 |         |            |
|   | Cross road Near Cambridge School                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1                       | 29.00  | 4.50 | 0.15   | 19.58 |         |            |
|   | Rate: As per Schedule B (Rs 5726.95)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Qty executed Up to 125% |        |      | 320.28 | Cum   | 5726.95 | 1834245.00 |
| 4 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500,1700, 2200. including cost of materials, labour, HOM complete as per specifications. ( page No271, Item No 37.59.2/ PWD SR 2018-19) |                         |        |      |        |       |         |            |
|   | RCC Drain Bottom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |        |      |        |       |         |            |
|   | Shanthi Layout 1st Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                       | 33.50  | 1.00 | 0.15   | 5.03  |         |            |
|   | Shanthi Layout 3rd Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                       | 25.50  | 1.00 | 0.15   | 3.83  |         |            |
|   | At Aai mahathma temple                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                       | 2.50   | 1.00 | 0.15   | 0.38  |         |            |
|   | 8th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                       | 50.00  | 1.00 | 0.15   | 7.50  |         |            |
|   | 5th cross Mallasandra level Correction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1                       | 174.50 | 0.60 | 0.15   | 15.71 |         |            |
|   | RCC Drain Wall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |        |      |        |       |         |            |
|   | Shanthi Layout 1st Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                       | 33.50  | 0.15 | 0.60   | 6.03  |         |            |
|   | Shanthi Layout 3rd Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                       | 25.50  | 0.15 | 0.60   | 4.59  |         |            |
|   | At Aai mahathma temple                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2                       | 2.50   | 0.15 | 0.60   | 0.45  |         |            |
|   | 8th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2                       | 50.00  | 0.15 | 0.60   | 9.00  |         |            |
|   | 5th cross Mallasandra wall rising                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2                       | 174.50 | 0.15 | 0.20   | 10.47 |         |            |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |        |      |        | 62.97 |         |            |
|   | RCC Culvert Bottom                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                         |        |      |        |       |         |            |
|   | Shanthi Layout 3rd Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                       | 6.50   | 1.60 | 0.15   | 1.56  |         |            |
|   | Near Aai Matha Temple Road opp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                       | 4.60   | 1.40 | 0.15   | 0.97  |         |            |
|   | Near Aai Matha Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                       | 8.00   | 1.60 | 0.15   | 1.92  |         |            |
|   | Near Aai Matha Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                       | 6.70   | 1.60 | 0.15   | 1.61  |         |            |
|   | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                       | 6.50   | 1.60 | 0.15   | 1.56  |         |            |
|   | RCC Culvert Wall                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                         |        |      |        |       |         |            |
|   | Shanthi Layout 3rd Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 2                       | 6.50   | 0.30 | 0.75   | 2.93  |         |            |
|   | Near Aai Matha Temple Road opp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                       | 4.60   | 0.30 | 0.75   | 2.07  |         |            |

|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |        |       |      |         |     |          |           |
|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------|-------|------|---------|-----|----------|-----------|
|   | Near Aai Matha Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                       | 8.00   | 0.30  | 0.75 | 3.60    |     |          |           |
|   | Near Aai Matha Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                       | 6.70   | 0.30  | 0.75 | 3.02    |     |          |           |
|   | 8th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                       | 6.50   | 0.30  | 0.75 | 2.93    |     |          |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |        |       |      | 22.15   |     |          |           |
|   | Rate: As per Schedule B (Rs 7473.40)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Qty executed Up to 125% |        |       |      | 85.12   | Cum | 7473.40  | 636128.00 |
| 5 | KSRRB M2200-6. Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification 28.8.2 -do- TMT Bars Fe 500 ( page No229, Item No 28.8.2/ PWD SR 2018-19) |                         |        |       |      |         |     |          |           |
|   | Copnsidering 65Kg/Cum For Drain                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                       | 62.97  | 65.00 |      | 4093.05 |     |          |           |
|   | Copnsidering 90Kg/Cum For Culvert                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                       | 22.15  | 90.00 |      | 1993.41 |     |          |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |        |       |      | 6086.46 |     |          |           |
|   | Rate: As per Schedule B (Rs 75183.90)                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Qty executed Up to 125% |        |       |      | 6.09    | Ton | 75183.90 | 457604.00 |
| 6 | Providing and fixing Precast RCC Cover slabs of 100 mm thick for drain in Cement concret 1:1.5:3 Using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work lift charges Curing and concrete finishing surface on both sides etc;. and complete as per the directions of Engineer in Charge. (DataRate)                                                                                                               |                         |        |       |      |         |     |          |           |
|   | RCC Drain                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |        |       |      |         |     |          |           |
|   | Shanthi Layout 1st Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                       | 33.50  |       | 0.90 | 30.15   |     |          |           |
|   | Shanthi Layout 3rd Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                       | 25.50  |       | 0.90 | 22.95   |     |          |           |
|   | At Aai mahathma temple                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                       | 2.75   |       | 0.90 | 2.48    |     |          |           |
|   | 8th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                       | 50.00  |       | 0.90 | 45.00   |     |          |           |
|   | Slab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 118                     | 0.60   |       | 0.90 | 63.72   |     |          |           |
|   | Slab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 123                     | 0.60   |       | 0.90 | 66.42   |     |          |           |
|   | Rate: As per Schedule B (Rs 1678.79)                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Qty executed Up to 125% |        |       |      | 230.72  | Sqm | 1678.79  | 387322.00 |
| 7 | KSRRB 300-49. Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications.MORTH / Chapter 3 (page No146, Item No 19.55/ PWD SR 2018-19)                                                                                                                                                                    |                         |        |       |      |         |     |          |           |
|   | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                       | 64.30  | 5.40  |      | 347.22  |     |          |           |
|   | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                       | 110.00 | 0.90  |      | 198.00  |     |          |           |
|   | 9th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                       | 122.00 | 4.50  |      | 549.00  |     |          |           |
|   | 10th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1                       | 70.00  | 3.75  |      | 262.50  |     |          |           |
|   | 4th cross Road At Pipe lane                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                       | 76.50  | 3.40  |      | 260.10  |     |          |           |
|   | 3rd Cross Cambridge School Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2                       | 289.00 | 0.90  |      | 520.20  |     |          |           |
|   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         |        |       |      | 2137.02 | Sqm |          |           |
|   | Rate As per Schedule B (Rs 99.17)                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Qty executed Up to 125% |        |       |      | 969.00  | Sqm | 99.17    | 96096.00  |
|   | Rate: As per CSR 2018-19                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Qty executed Above 125% |        |       |      | 1168.02 | Sqm | 99.17    | 115835.00 |
|   | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         | 90.00  |       |      |         |     |          |           |
|   | Area weightage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         | 5.40   |       |      |         |     |          |           |
|   | Total Rs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                         | 95.40  |       |      |         |     |          |           |
|   | Add T P +3.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         | 3.77   |       |      |         |     |          |           |
|   | Arrived Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         | 99.17  |       |      |         |     |          |           |
| 8 | KSRRB M200-24. Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202 ( page No229, Item No 28.8.2/ PWD SR 2018-19)                                                                                       |                         |        |       |      |         |     |          |           |
|   | RCC Culvert                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                       | 6.50   | 1.50  | 0.30 | 2.93    |     |          |           |
|   | Anjaneyya Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                       | 45.00  | 1.00  | 0.30 | 27.00   |     |          |           |
|   | 1st Cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 2                       | 42.00  | 0.90  | 0.30 | 22.68   |     |          |           |
|   | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                       | 6.50   | 1.50  | 0.30 | 2.93    |     |          |           |
|   | Rate As per Schedule B (Rs 990.58)                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Qty executed Up to 125% |        |       |      | 55.53   | Cum | 990.58   | 55007.00  |

|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |         |      |      |         |     |         |  |           |
|----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|---------|------|------|---------|-----|---------|--|-----------|
| 9  | KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occurring during rolling including cost of all labour, HOM complete as per specifications. MORTH Chapter 3 ( page No 147, Item No19.64/ PWD SR 2018-19)                                                                                                                                                                                                                                                                                       |                         |         |      |      |         |     |         |  |           |
|    | For CC Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |         |      |      |         |     |         |  |           |
|    | Aai Matha Temple opp road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                       | 18.00   | 4.25 |      | 76.50   |     |         |  |           |
|    | Aai Matha Temple beside road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                       | 65.60   | 4.55 |      | 298.48  |     |         |  |           |
|    | 2nd Cross Lake view                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                       | 20.00   | 4.80 |      | 96.00   |     |         |  |           |
|    | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                       | 64.30   | 5.40 |      | 347.22  |     |         |  |           |
|    | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2                       | 110.00  | 0.90 |      | 198.00  |     |         |  |           |
|    | 9th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                       | 122.00  | 4.50 |      | 549.00  |     |         |  |           |
|    | 10th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                       | 70.00   | 3.75 |      | 262.50  |     |         |  |           |
|    | 4th cross Road At Pipe lane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                       | 76.50   | 3.40 |      | 260.10  |     |         |  |           |
|    | 3rd Cross Cambridge School Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                       | 289.00  | 0.90 |      | 520.20  |     |         |  |           |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |         |      |      | 2608.00 | Sqm |         |  |           |
|    | Rate As per Schedule B (Rs6.61)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Qty executed Up to 125% |         |      |      | 1888.00 | Sqm | 6.61    |  | 12480.00  |
|    | Rate: As per CSR 2018-19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Qty executed Above 125% |         |      |      | 720.00  | Sqm | 6.61    |  | 4759.00   |
|    | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         | 6.00    |      |      |         |     |         |  |           |
|    | Area weightage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         | 0.36    |      |      |         |     |         |  |           |
|    | Total Rs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         | 6.36    |      |      |         |     |         |  |           |
|    | Add T P +3.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         | 0.25    |      |      |         |     |         |  |           |
|    | Arrived Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         | 6.61    |      |      |         |     |         |  |           |
| 10 | KSRRB M400-17. Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406 ( page No 155, Item No20.18/ PWD SR 2018-19) |                         |         |      |      |         |     |         |  |           |
|    | For CC Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                         |         |      |      |         |     |         |  |           |
|    | Anjanayya Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2                       | 45.00   | 1.00 | 0.15 | 13.50   |     |         |  |           |
|    | 1st Cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2                       | 42.00   | 1.00 | 0.15 | 12.60   |     |         |  |           |
|    | Aai Matha Temple opp road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                       | 18.00   | 4.25 | 0.15 | 11.48   |     |         |  |           |
|    | Aai Matha Temple beside road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                       | 65.60   | 4.55 | 0.15 | 44.77   |     |         |  |           |
|    | 2nd Cross Lake view                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                       | 20.00   | 4.80 | 0.15 | 14.40   |     |         |  |           |
|    | 4th cross Road At Pipe lane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                       | 76.50   | 3.40 | 0.15 | 39.02   |     |         |  |           |
|    | 9th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                       | 122.00  | 4.50 | 0.15 | 82.35   |     |         |  |           |
|    | 10th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                       | 70.00   | 3.75 | 0.15 | 39.38   |     |         |  |           |
|    | 4th 'A' Cross Near Cambridge School                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 1                       | 111.50  | 1.00 | 0.15 | 16.73   |     |         |  |           |
|    | Cross road Near Cambridge School                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                       | 29.00   | 4.50 | 0.15 | 19.58   |     |         |  |           |
|    | 8 A cross Prasanth Nagar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 1                       | 21.00   | 1.00 | 0.15 | 3.15    |     |         |  |           |
|    | 7 cross Prasanth Nagar                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                       | 40.00   | 1.00 | 0.15 | 6.00    |     |         |  |           |
|    | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 1                       | 64.30   | 5.40 | 0.15 | 52.08   |     |         |  |           |
|    | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2                       | 110.00  | 0.90 | 0.15 | 29.70   |     |         |  |           |
|    | 3rd Cross Cambridge School Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2                       | 289.00  | 0.90 | 0.15 | 78.03   |     |         |  |           |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                         |         |      |      | 462.75  | Cum |         |  |           |
|    | Rate As per Schedule B (Rs 2080.33)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Qty executed Up to 125% |         |      |      | 283.20  | Cum | 2080.33 |  | 589149.00 |
|    | Rate: As per CSR 2018-19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Qty executed Above 125% |         |      |      | 179.55  | Cum | 2080.33 |  | 373523.00 |
|    | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                         | 1888.00 |      |      |         |     |         |  |           |
|    | Area weightage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                         | 113.28  |      |      |         |     |         |  |           |
|    | Total Rs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                         | 2001.28 |      |      |         |     |         |  |           |
|    | Add T P +3.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                         | 79.05   |      |      |         |     |         |  |           |
|    | Arrived Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         | 2080.33 |      |      |         |     |         |  |           |

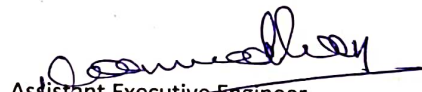
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |        |      |         |        |           |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|--------|------|---------|--------|-----------|
| L1 | Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum, Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). &= Spreading the concrete with shovels, rammers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermeable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour, hire charges of machineries, all lead & lift charges etc., complete as per specifications. -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum. ( page No 175, Item No22.6.1/ PWD SR 2018-19) |                         |        |      |         |        |           |
|    | For CC Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |        |      |         |        |           |
|    | Anjanayya Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                       | 45.00  | 4.50 | 0.15    | 30.38  |           |
|    | 1st Cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                       | 42.00  | 4.20 | 0.15    | 26.46  |           |
|    | Aai Matha Temple opp road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                       | 18.00  | 4.25 | 0.15    | 11.48  |           |
|    | Aai Matha Temple beside road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                       | 65.60  | 4.50 | 0.15    | 44.28  |           |
|    | 2nd Cross Lake view                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                       | 20.00  | 4.80 | 0.15    | 14.40  |           |
|    | 4th cross Road At Pipe lane                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1                       | 76.50  | 3.40 | 0.15    | 39.02  |           |
|    | 9th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1                       | 122.00 | 4.50 | 0.15    | 82.35  |           |
|    | 10th Cross pipe lane Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1                       | 70.00  | 3.75 | 0.15    | 39.38  |           |
|    | 4th 'A' Cross Near Cambridge School                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 1                       | 111.50 | 5.10 | 0.15    | 85.30  |           |
|    | Cross road Near Cambridge School                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1                       | 29.00  | 4.50 | 0.15    | 19.58  |           |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |        |      |         | 392.60 | Cum       |
|    | Rate As per Schedule B (Rs5565.50)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Qty executed Up to 125% |        |      | 355.35  | Cum    | 5565.50   |
|    | Rate: As per CSR 2018-19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Qty executed Above 125% |        |      | 37.25   | Cum    | 5416.79   |
|    | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4916.00                 |        |      |         |        |           |
|    | Area weightage 6%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 294.96                  |        |      |         |        |           |
|    | Total Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5210.96                 |        |      |         |        |           |
|    | Add T P 3.95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 205.83                  |        |      |         |        |           |
|    | Arrived Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5416.79                 |        |      |         |        |           |
|    | KSRRB M100-1: Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1 (page No 136, Item No17.1/ PWD SR 2018-19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |        |      |         |        |           |
|    | Qty same As Item No 1 and 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                         |        |      | 1211.53 | Cum    |           |
|    | Rate As per Schedule B (Rs 59.25)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Qty executed Up to 125% |        |      | 1211.53 | Cum    | 59.25     |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |        |      |         |        | 71783.00  |
|    | KSRRB M 100-4.1. Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1 (page No 136, Item No17.1/ PWD SR 2018-19)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                         |        |      |         |        |           |
|    | Qty same As Item No 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                         |        |      | 1211.53 | Cum    |           |
|    | Rate As per Schedule B (Rs 59.25)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Qty executed Up to 125% |        |      | 1211.53 | Cum    | 26.61     |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |        |      |         |        | 32239.00  |
|    | Providing and fixing Precast RCC Cover slabs of 250 mm thick for drain in Cement concret 1:1.5:3 Using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortar including form work lift charges Curing and concrete finishing surface on both sides etc;. and complete as per the directions of Engineer in Charge. (DataRate)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                         |        |      |         |        |           |
|    | Shanthi Layout 3rd Cross                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                       | 6.50   | 1.50 | 9.75    |        |           |
|    | Near Aai Matha Temple Road opp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1                       | 4.60   | 1.20 | 5.52    |        |           |
|    | Near Aai Matha Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                       | 8.00   | 1.50 | 12.00   |        |           |
|    | Near Aai Matha Temple Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1                       | 6.70   | 1.50 | 10.05   |        |           |
|    | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                       | 6.50   | 1.50 | 9.75    |        |           |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |        |      | 47.07   | Sqm    | 5632.01   |
|    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                         |        |      |         |        | 265099.00 |
|    | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5418.00                 |        |      |         |        |           |

|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |         |      |      |         |     |         |           |
|----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|------|------|---------|-----|---------|-----------|
| TP +3.95 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 214.01  |         |      |      |         |     |         |           |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5632.01 |         |      |      |         |     |         |           |
| RL 2     | KSRRB M500-6. Providing and applying primer coat with S.S.including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision (page No 158, Item No21.6/ PWD SR 2018-19)                                                                                                                                                                                                         |         |         |      |      |         |     |         |           |
|          | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1       | 64.30   | 5.40 |      | 347.22  |     |         |           |
|          | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2       | 110.00  | 1.00 |      | 220.00  |     |         |           |
|          | 3rd Cross Cambridge School Road                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2       | 289.00  | 1.00 |      | 578.00  |     |         |           |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |         |      |      | 1145.22 | Sqm | 35.26   | 40380.00  |
|          | Rate: As per CSR 2018-19 (as per Issue Rate 01-01-2021)                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |      |      |         |     |         |           |
|          | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 32.00   |      |      |         |     |         |           |
|          | Area weightage 6%                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         | 1.92    |      |      |         |     |         |           |
|          | Total Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 33.92   |      |      |         |     |         |           |
|          | Add T P 3.95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         | 1.34    |      |      |         |     |         |           |
|          | Arrived Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         | 35.26   |      |      |         |     |         |           |
| RL 3     | KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision (page No 160, Item No21.17.6/ PWD SR 2018-19) |         |         |      |      |         |     |         |           |
|          | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1       | 64.30   | 5.40 | 0.05 | 17.36   |     |         |           |
|          | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2       | 110.00  | 1.00 | 0.05 | 11.00   |     |         |           |
|          | 3rd Cross Cambridge School Road                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2       | 289.00  | 1.00 | 0.05 | 28.90   |     |         |           |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |         |      |      | 57.26   | Cum | 7580.87 | 434088.00 |
|          | Rate: As per CSR 2018-19 (as per Issue Rate 01-01-2021)                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |      |      |         |     |         |           |
|          | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 6880.00 |      |      |         |     |         |           |
|          | Area weightage 6%                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         | 412.80  |      |      |         |     |         |           |
|          | Total Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 7292.80 |      |      |         |     |         |           |
|          | Add T P 3.95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         | 288.07  |      |      |         |     |         |           |
|          | Arrived Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         | 7580.87 |      |      |         |     |         |           |
| RL 4     | KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision (page No 158, Item No21.7/ PWD SR 2018-19)                                                                                                 |         |         |      |      |         |     |         |           |
|          | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1       | 64.30   | 5.60 |      | 360.08  |     |         |           |
|          | 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1       | 110.00  | 5.30 |      | 583.00  |     |         |           |
|          | 3rd Cross Cambridge School Road                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1       | 289.00  | 5.50 |      | 1589.50 |     |         |           |
|          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |         |         |      |      | 2532.58 | Sqm | 13.22   | 33487.00  |
|          | Rate: As per CSR 2018-19 (as per Issue Rate 01-01-2021)                                                                                                                                                                                                                                                                                                                                                                                                                                |         |         |      |      |         |     |         |           |
|          | Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 12.00   |      |      |         |     |         |           |
|          | Area weightage 6%                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |         | 0.72    |      |      |         |     |         |           |
|          | Total Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |         | 12.72   |      |      |         |     |         |           |
|          | Add T P 3.95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |         | 0.50    |      |      |         |     |         |           |
|          | Arrived Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |         | 13.22   |      |      |         |     |         |           |

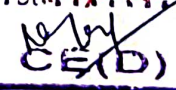
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |   |         |      |      |        |     |            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|---------|------|------|--------|-----|------------|
| Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015.do - using 40-60 TPH capacity HMP with mechanical paver grading II(30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic) (page No 171, Item No21.78.12/ PWD SR 2018-19) |   |         |      |      |        |     |            |
| 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 64.30   | 5.60 | 0.04 | 14.40  |     |            |
| 5th cross Mallasandra                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1 | 110.00  | 5.30 | 0.04 | 23.32  |     |            |
| 3rd Cross Cambridge School Road                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 | 289.00  | 5.50 | 0.04 | 63.58  |     |            |
| Rate: As per CSR 2018-19 (as per Issue Rate 01-01-2021)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |         |      |      | 101.30 | Cum | 8882.17    |
| Basic Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   | 8061.00 |      |      |        |     | 899793.00  |
| Area weightage 6%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   | 483.66  |      |      |        |     |            |
| Total Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |   | 8544.66 |      |      |        |     |            |
| Add T P 3.95%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |   | 337.51  |      |      |        |     |            |
| Arrived Rate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |   | 8882.17 |      |      |        |     |            |
| Grand Total Rs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |   |         |      |      |        |     | 8704213.00 |
| Rupees Eighty Seven Lakhs Four Thousand Two Hundred Thirteen Only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |   |         |      |      |        |     |            |

- Certificate:
- 1 Certified that the work spot has been inspected by me and work is necessary.
  - 2 Certified that the work is not split up
  - 3 Certified that the estimate is prepared based on PWD SR 2018-19 As per Issued Rate On 01-01-2021
  - 4 Certified that Adequate & necessary provisions have made in the estimate
  - 5 Certified that the above area comes under BBMP limit.
  - 6 Certified that this work is not included in other work taken up

  
 Assistant Engineer  
 Ward No 13

  
 Assistant Executive Engineer  
 Shettyhalli Sub Division

  
 Executive Engineer  
**EXECUTIVE ENGINEER**  
 Bruhat Bengaluru Mahanagara Palike  
 Dasarahalli Division, Bengaluru-73.

Technically Sanctioned for Rs 87,04,213/-  
 Rs. In words Rs. Eighty Seven Lakhs Four thousand Two hundred & Thirteen only  
 Under 0-3657  
 Job Code No 013-20-000022  
 Registered as CE No... 17/2021-22 ...  
 to conditions contained in Enclosed ...  
 No. CE/P2/TS/17/2021-22 04/06/22  
 AE/JE: TA  CE(D)